

App. No. 10/049174
Office Action Dated December 23, 2004

Amendments to the Claims:

This listing of claims will replace all prior versions and listing of claims in the application.

Claims 1-5 and 7-10 are amended.

Claim 6 has been canceled without prejudice or disclaimer.

Listing of Claims:

1. (Currently Amended) Arrangement in a sheet-metal forming tool ~~[[(7)]]~~ comprising:
a first part ~~[[(2)]]~~ for performing a reciprocating movement substantially perpendicular to ~~the sheet-metal~~ a held metal sheet, produced by means of a drive arrangement ~~[[(3)]]~~, in relation to a second part ~~[[(4)]]~~ fixed to a stand, and

a bearing ~~[[(5)]]~~ arranged between the parts, of which the first part ~~[[(2)]]~~ has an element~~[[s]]~~ ~~[[(6)]]~~ for forming or machining ~~[[a]]~~ the held metal sheet ~~[[(1)]]~~ during an advancing part of said reciprocating movement,

wherein the bearing ~~[[(5)]]~~ comprises at least one wheel ~~[[(5a)]]~~ on a shaft ~~[[(5b)]]~~ arranged on the first part ~~[[(2)]]~~ and a running surface ~~[[(5c)]]~~ for the wheel ~~[[(5a)]]~~ on the second part ~~[[(4)]]~~, said surface facing the wheel ~~[[(5a)]]~~ and defining the reciprocating movement of the first part ~~[[(2)]]~~.

2. (Currently Amended) Arrangement according to claim 1, wherein there are at least two wheels ~~[[(5a)]]~~ on the shaft ~~[[(5b)]]~~ arranged at a distance from one another.

3. (Currently Amended) Arrangement according to claim 1, wherein each wheel ~~[[(5a)]]~~ is substantially enclosed by a housing ~~[[(8)]]~~, wherein each wheel ~~[[(5a)]]~~ has a partially protruding portion that protrudes through an opening ~~[[(10)]]~~ facing the running surface ~~[[(5c)]]~~.

4. (Currently Amended) Arrangement according to claim 2, wherein the opening ~~[[(10)]]~~ lies substantially close up to each wheel ~~[[(5a)]]~~.

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5. (Currently Amended) Arrangement according to claim 1, wherein the shaft $[(5b)]$ is fixed to the first part $[(2)]$, and that the wheels $[(5a)]$ are rotatably supported on the shaft $[(5b)]$.
6. (Canceled)
7. (Currently Amended) Arrangement according to claim 3, wherein a sealing arrangement $[(9)]$ is designed to substantially seal a space between the first part $[(2)]$ and the second part $[(4)]$ and to substantially enclose the partially protruding portion of each wheel $[(5a)]$.
8. (Currently Amended) Arrangement according to claim 1, wherein the arrangement $[(9)]$ comprises a U-shaped seal $[(9b)]$ having legs arranged on the second part $[(4)]$ and an I-shaped seal $[(9a)]$, arranged on the first part $[(2)]$ and extending between the legs of the U-shaped seal $[(9b)]$.
9. (Currently Amended) Arrangement according to claim 1, wherein the distance between the first and second part $[(s)]$ (2,4) is less than the thickness of the sheet $[(1)]$.
10. (Currently Amended) Arrangement according to claim 1, wherein the radial distance between the peripheral surface of each wheel $[(5a)]$ and its pivot bearing $[(5d)]$ is greater than the distance between the first and second part $[(s)]$ (2,4).
11. (Previously Presented) The arrangement according to claim 3, wherein each wheel protrudes less than 3mm from said housing.
12. (Previously Presented) The arrangement according to claim 3, wherein each wheel protrudes more than 0.3mm from said housing.